

# WinSALTS<sub>/32</sub>

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The 32-bit version of the WinSALTS Program

## WinSALTS<sub>/32</sub> Installation Guide

**Version 5.01**

### SALTS CENTRAL

Naval Inventory Control Point  
Code P-04E (SALTS)  
700 Robbins Avenue  
Philadelphia, PA 19111  
215.697.1112  
DSN 442.1112  
Email: [help@salts.navy.mil](mailto:help@salts.navy.mil)

### SALTS Detachment Offices

#### **Norfolk**

757.836.3091  
DSN 836.3091  
Email: [norfolk@salts.navy.mil](mailto:norfolk@salts.navy.mil)

#### **San Diego**

215.697.1112  
DSN 442.1112  
Email: [help@salts.navy.mil](mailto:help@salts.navy.mil)

#### **Pearl Harbor**

808.473.7526  
DSN 473.7526  
Email: [pearl@salts.navy.mil](mailto:pearl@salts.navy.mil)

**AUGUST 6, 2001**

The purpose of this document is to assist SALTS customers on the procedures of installing and setting-up WinSALTS/32, or reloading the software from program backup disks.

## **PREPARATIONS**

Prior to installing the software, some preparations should be made. For example, having the SALTS Account Information handy, ensuring the SALTS account is active, meeting at least the minimal computer hardware requirements, and having Administrator privileges to install software onto your computer.

### **SALTS Account Information**

During WinSALTS/32 installation, you will need to have your SALTS Account Information handy. The Account Information profile is created by SALTS CENTRAL in Philadelphia, and can be obtained from SALTS CENTRAL or a SALTS Detachment Office. The pieces of the profile consist of a 3-character SALTS Activity Code, a SALTS First Name, a SALTS Last Name and a SALTS Password.

Please record your activity's SALTS Account Information here for future reference:

SALTS Activity Code: \_\_\_\_\_

SALTS First Name: \_\_\_\_\_

SALTS Last Name: \_\_\_\_\_

SALTS Password: \_\_\_\_\_

If your activity's SALTS account has been inactive for an extended period of time (60+ days) for any reason, it is probable that the account has been automatically deactivated at SALTS CENTRAL. This means if you try to connect, the host will not validate you as an authorized user. You should contact SALTS CENTRAL or a SALTS Detachment Office for assistance.

### **Computer Hardware Requirements**

The minimal computer hardware requirements for WinSALTS/32 are:

- a.) IT-21 compliant computer equipment (i.e. Pentium II processor, 64 MEG of RAM and either a Windows NT or 95/98 operating system).
- b.) 10 megabytes (MEG) of hard drive space.
- c.) One floppy disk drive, if loading software from floppy disk.
- d.) One Compact disk (CD) drive, if loading software from a CD.
- e.) An installed Hayes-compatible modem, if connecting by modem dial-up.
- f.) A direct Internet connection, if connecting by Internet (firewall ports **16640** and **16896** must be opened for *Gauntlet* and *Raptor* firewalls – for all other firewalls, ports **65** and **66**, or port **80** must be opened).

## **WINSALTS/32 SOFTWARE**

There are three options for obtaining the WinSALTS/32 installation software:

1. CD-ROM disk mailing.

Contact SALTS CENTRAL (see cover page of this guide) and we'll mail you a CD-ROM disk that contains WinSALTS/32 software. The disk includes installation software for PCLINK and DAMES, and all documentation.

2. SALTS Web Site.

Visit the SALTS Project on the worldwide web at [www.salts.navy.mil](http://www.salts.navy.mil).

Click on the WinSALTS project logo.

Click on the Download link.

You can either download the single self-extracting zip file, or you can download the 3 floppy disk images.

3. Local SALTS Detachment Office.

Contact your local SALTS Detachment Office (see cover page of this guide) for an on-site visit.

## **INSTALLATION PROCEDURES**

Launch Windows.

**Note: If using Windows NT, you may need Administrator privileges to properly install WinSALTS/32.**

Ensure all other applications and programs are closed.

Insert WinSALTS/32 Installation Disk #1 into your source drive (usually A or B), or, if installing from a CD, place the WinSALTS/32 CD into the CD-ROM drive (usually D).

Click the Start button.

Select Run.

In the Open box, type:

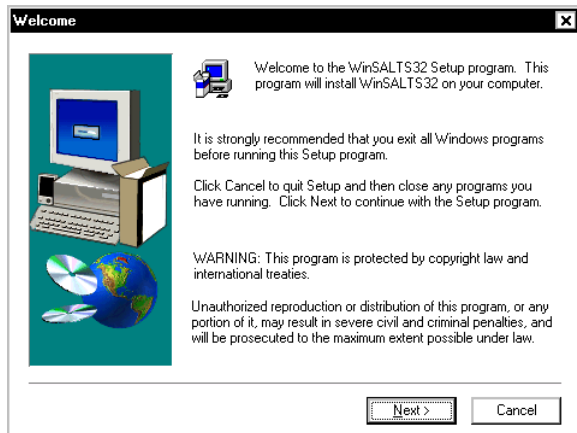
**A:\SETUP** (for diskette installation), or...

**D:\WINSALTS.EXE** (for CD installation)

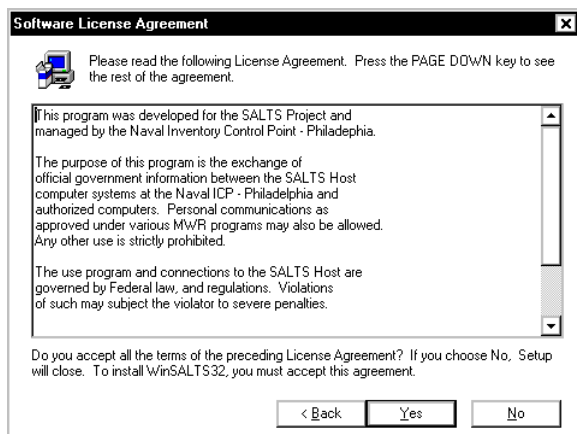
Click the OK button.



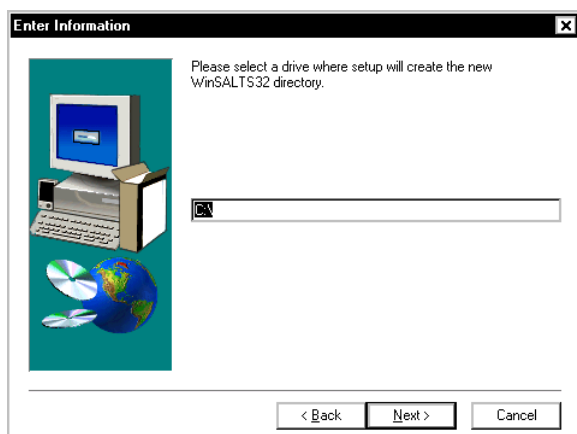
Click the Next button to acknowledge the Welcome dialog box.



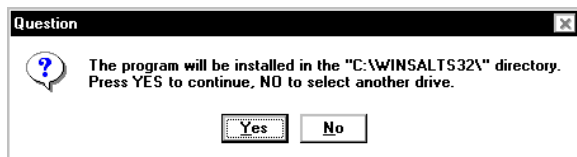
Please read the Software License Agreement.  
Click the Yes button to accept the terms of the agreement and to continue.



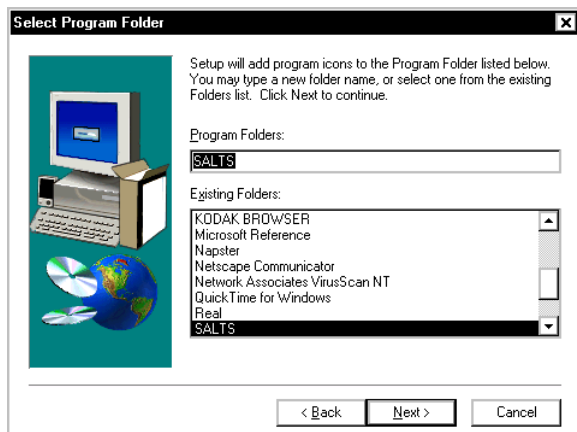
Enter the Drive (typically, the C: drive) where you want WinSALTS/32 installed.  
Click the Next button to continue.



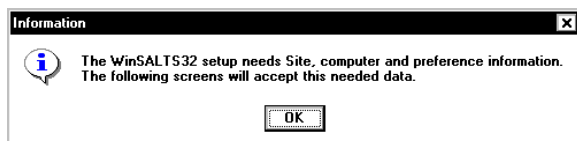
Verify the Drive and Directory location.  
Click the Yes button to continue.



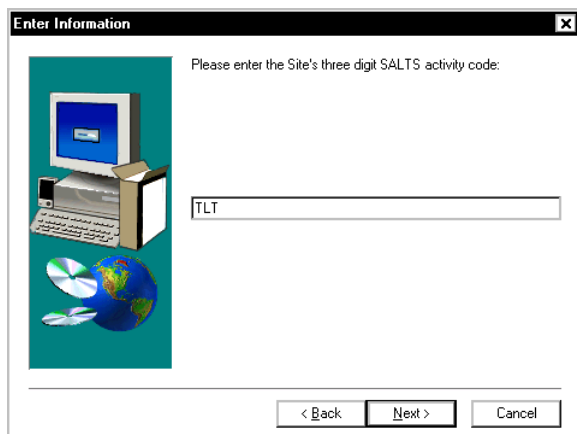
Click the Next button to continue.



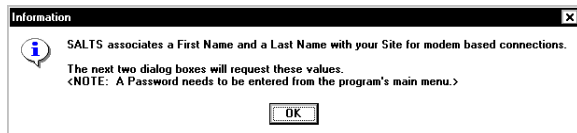
At this point, you should have your SALTS Account Information on hand. (See page 2)  
Click the OK button.



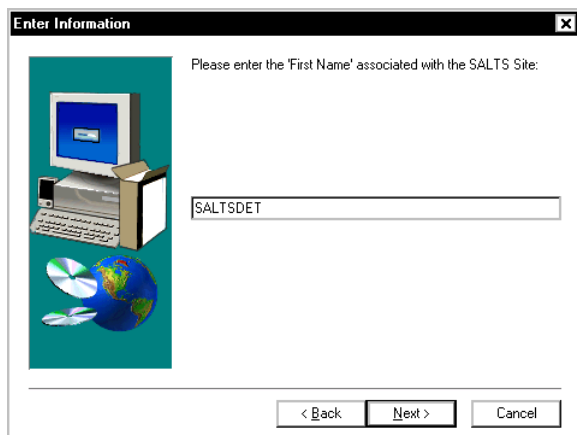
Enter your 3-character SALTS Activity Code. (See page 2 for the Activity Code)  
Click the Next button to continue.



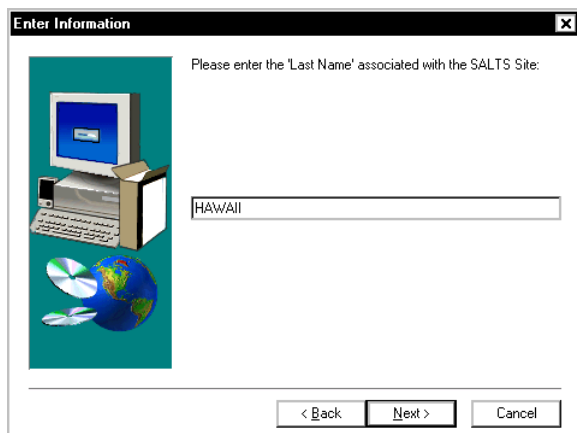
Click the OK button.



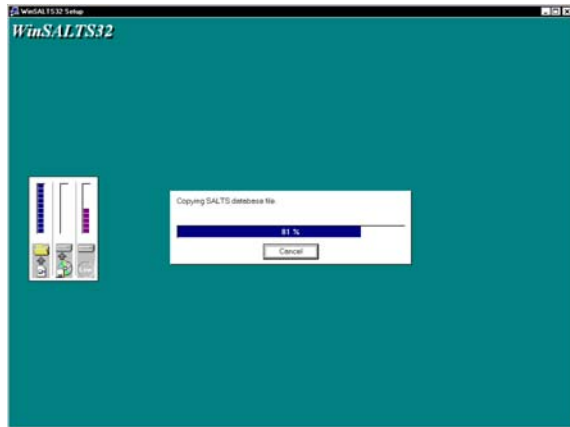
Enter the First Name of your SALTS Account Information. (See page 2 for the First Name).  
Click the Next button to continue.

A dialog box titled "Enter Information" with a close button (X) in the top right corner. On the left is a graphic showing a computer monitor, keyboard, and a globe. The text says: "Please enter the 'First Name' associated with the SALTS Site:". Below this is a text input field containing "SALTSDET". At the bottom are three buttons: "< Back", "Next >", and "Cancel".

Enter the Last Name of your SALTS Account Information. (See page 2 for the Last Name).  
Click the Next button to continue.

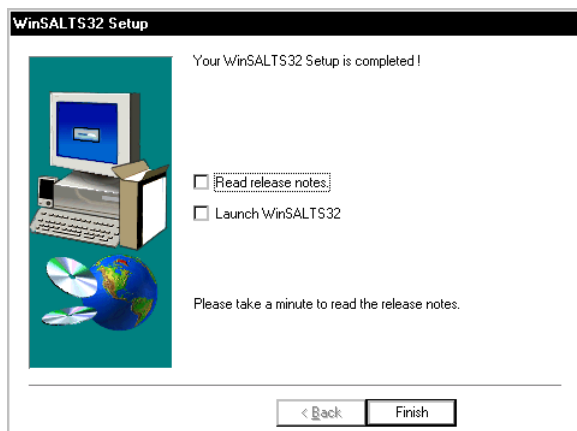
A dialog box titled "Enter Information" with a close button (X) in the top right corner. On the left is a graphic showing a computer monitor, keyboard, and a globe. The text says: "Please enter the 'Last Name' associated with the SALTS Site:". Below this is a text input field containing "HAWAII". At the bottom are three buttons: "< Back", "Next >", and "Cancel".

Creation of WinSALTS/32 directories and loading of files will begin.



Click the Finished button. WinSALTS/32 Installation is now complete!

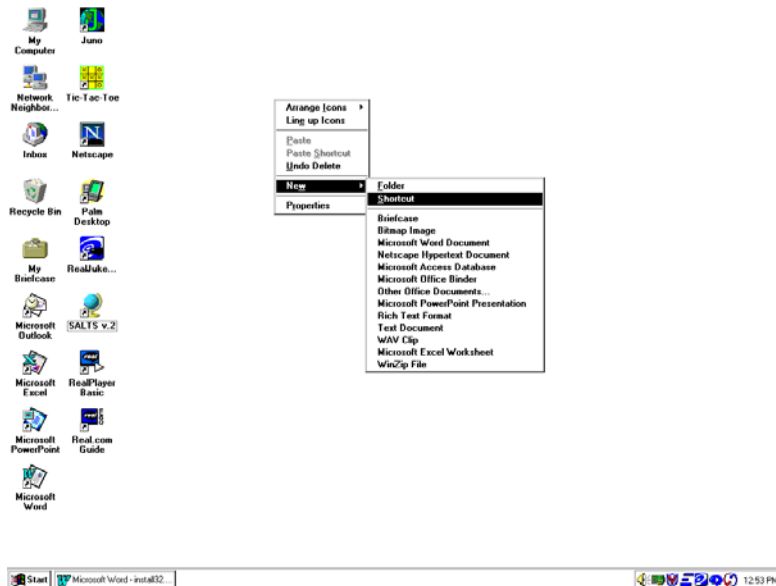
**NOTE: If you are re-installing WINSALTS from the original WINSALTS CD?Disks (or if you had to move to a new PC), and you had WINSALTS setup to receive files via E-Mail, you MUST reconfigure this option! See Page 22 for details!**



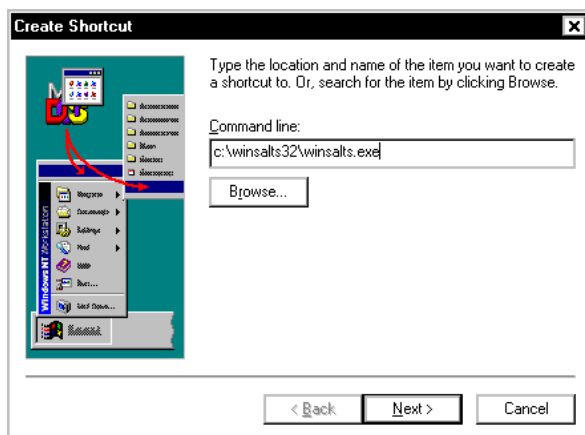
## CREATING A WINDOWS ICON SHORTCUT

An icon, or Windows shortcut, can be created on the Desktop for the WinSALTS/32 program. Shortcuts make it easier, faster to start programs. It is not required, though, to create a shortcut. Without a shortcut, you can start WinSALTS/32 through the Start/Programs menu.

Right-click your mouse on the open area of your Windows Desktop.  
Select New.  
Select Shortcut.

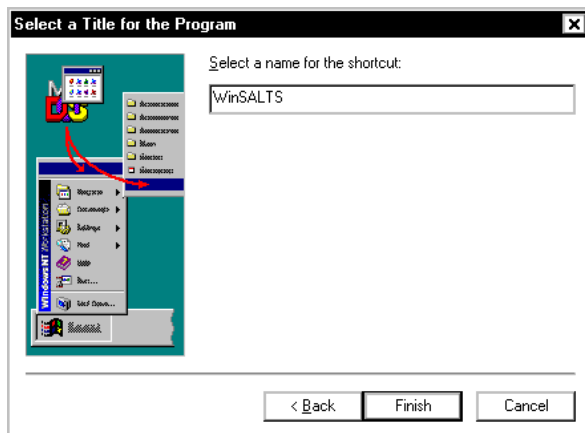


Using the appropriate Drive (such as C:), in the Command Line box, type: `\winsalts32\winsalts.exe`  
Click the Next button.





Enter **WinSALTS** as the shortcut's name.  
Click the Finish button.

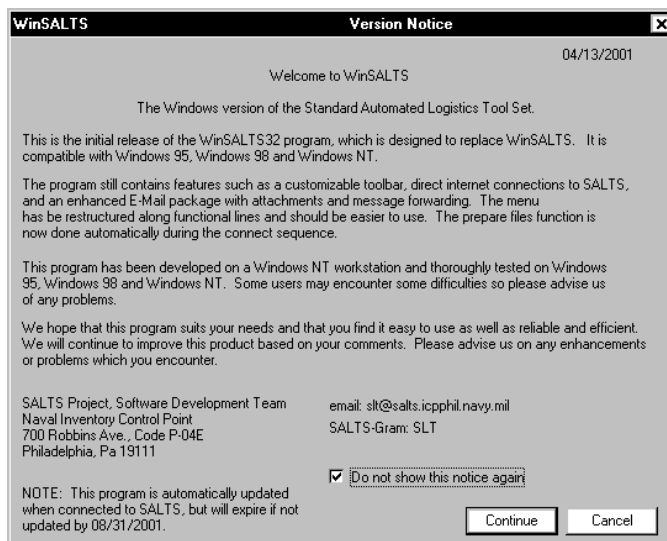


An icon labeled WinSALTS will appear on your Windows Desktop. You can double-click this icon to start the WinSALTS/32 program.

## **WinSALTS/32 CONFIGURATION**

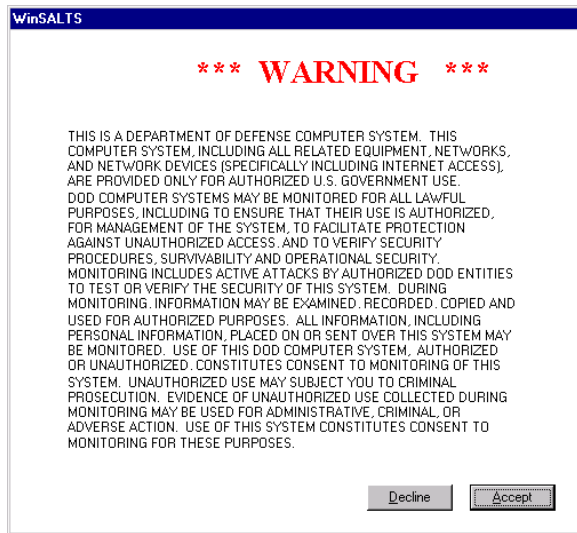
If this is the first time that WinSALTS/32 has been loaded on this computer, the following notice will appear.

Read the Version Notice.  
Check the “Do not show this notice again” checkbox.  
Click the Continue button.



Next, you will receive the warning banner.

Click the Decline button if you do not wish to continue.  
Click the Accept button to continue.

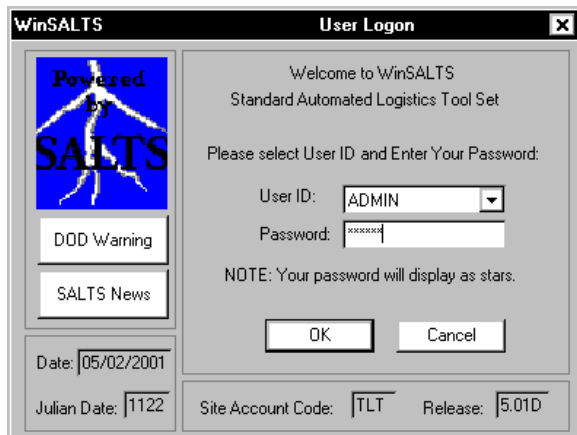


The WinSALTS/32 program is accessed through a User ID and Password. The User ID's Password should not be confused with the SALTS Password of the SALTS Account Information. These are 2 different passwords! After installation, only one User ID – **ADMIN** – is available. Other User IDs can be created later. The initial Password for ADMIN is **NAVICP**. Upon entry into the program, you are forced to change the ADMIN password.

For User ID, enter: **ADMIN**

For Password, enter: **NAVICP**

Click the OK button.



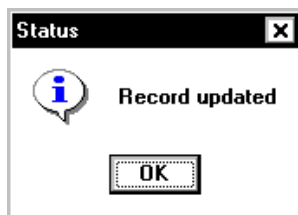
Enter a new password for the ADMIN user. (Ensure you remember the password. If you forget it, and do not establish your new users and their passwords, a re-installation of WinSALTS/32 will be required).

Verify the new password.  
Click the OK button.

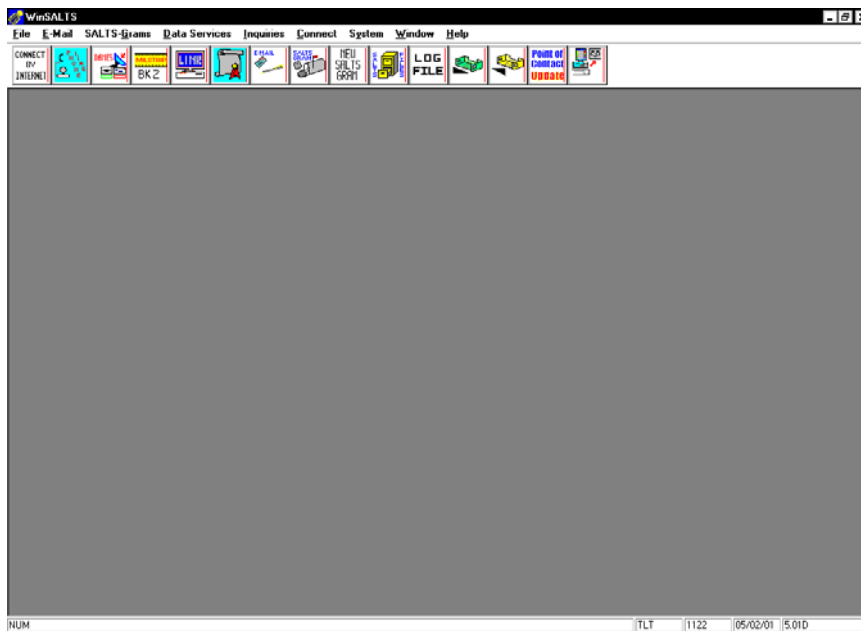


A dialog box titled "Change Password" with a close button (X) in the top right corner. The text "SALTS User Account: ADMIN" is displayed. Below this, there are three input fields: "Old Password:" with a masked password "XXXXXXXX", "New Password:" with a masked password "XXXX", and "Confirm Password:" with a masked password "XXXX". At the bottom, there are two buttons: "OK" and "Cancel".

The ADMIN password has been updated.  
Click the OK button to continue.



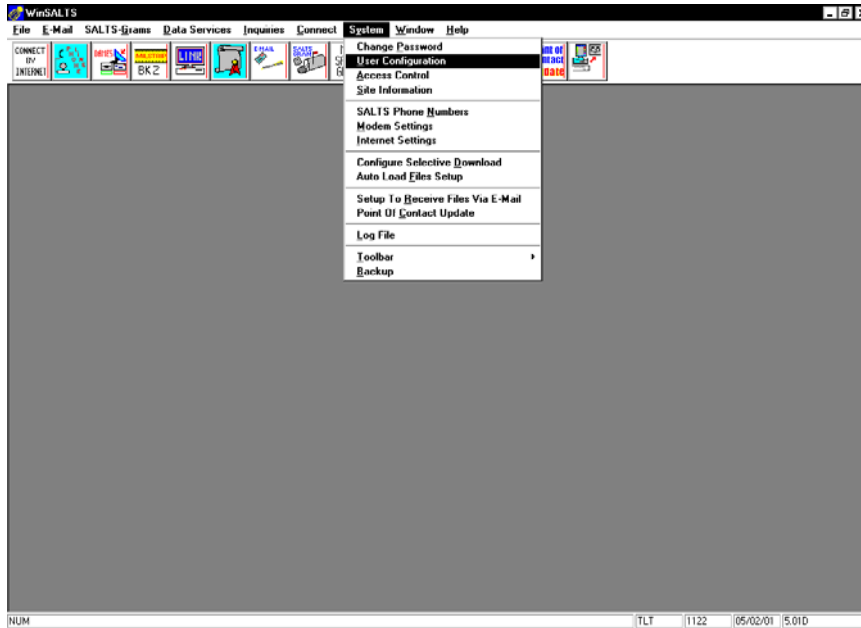
The WinSALTS/32 Main Menu appears.



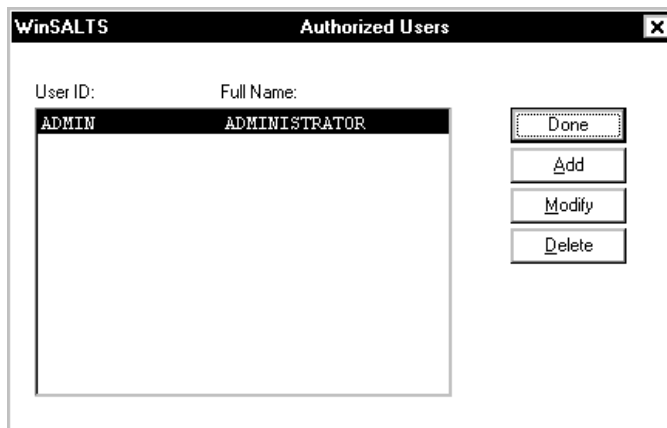
## User Configuration Settings

Unique User IDs and Passwords should be created for each person needing access to WinSALTS/32. User IDs can be tailored to the specific access requirements of the person using it.

Select the System menu.  
Select User Configuration.



Click the Add button to create a new User ID.



Enter the User ID name (i.e. person's last name, organization code, etc.)

Enter the person's full name in the Name box.

Enter a temporary/default Password (such as the word "Access").

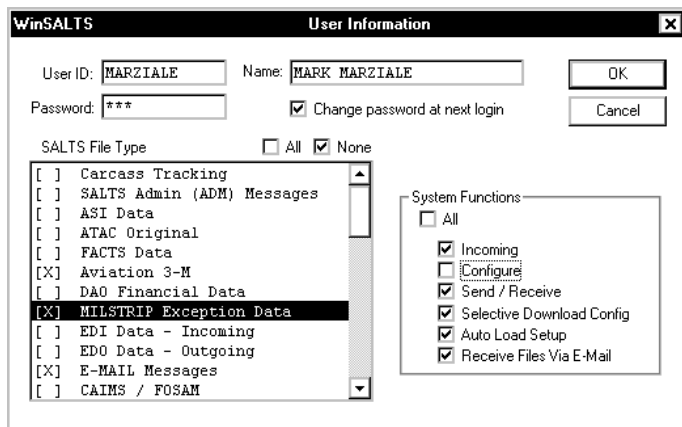
Ensure the "Change password at next login" checkbox is checked.

Double-click the corresponding checkboxes to give this individual access to SALTS File Types.

Click the corresponding checkboxes to give this individual access to perform System Functions.

Click the OK button when the new user has been added.

Click the Done button when finished adding, modifying or deleting Authorized Users.



The "WinSALTS User Information" dialog box contains the following fields and options:

- User ID:
- Name:
- Password:
- ☒ Change password at next login
- SALTS File Type: ☐ All ☒ None
  - ☐ Carcass Tracking
  - ☐ SALTS Admin (ADM) Messages
  - ☐ ASI Data
  - ☐ ATAC Original
  - ☐ FACTS Data
  - ☒ Aviation 3-M
  - ☐ DAO Financial Data
  - ☒ MILSTRIP Exception Data
  - ☐ EDI Data - Incoming
  - ☐ EDO Data - Outgoing
  - ☒ E-MAIL Messages
  - ☐ CAIMS / FOSAM
- System Functions:
  - ☐ All
  - ☒ Incoming
  - ☐ Configure
  - ☒ Send / Receive
  - ☒ Selective Download Config
  - ☒ Auto Load Setup
  - ☒ Receive Files Via E-Mail
- Buttons: OK, Cancel

**Note:** Click the "All" checkboxes to quickly enable all File Types and Functions. Also, if you want to restrict an individual's access, DO NOT give access to Configure. Enabling Configure will allow the person to return to this screen and change his/her own access.

### Access Control Setup

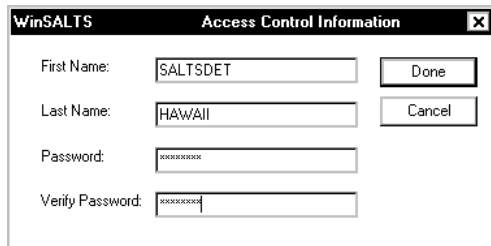
Select the System menu again.

Select Access Control.

Verify/correct the SALTS First Name and Last Name.

Enter and verify the SALTS Password.

Click the Done button.



The "WinSALTS Access Control Information" dialog box contains the following fields and buttons:

- First Name:
- Last Name:
- Password:
- Verify Password:
- Buttons: Done, Cancel

## Site Information Settings

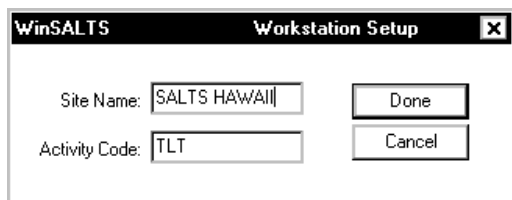
Select the System menu again.

Select Site Information.

Enter your activity's name or message PLAD, though it is not important what you enter here.

Verify the SALTS Activity Code.

Click the Done button.



The image shows a dialog box titled "WinSALTS Workstation Setup". It has two input fields: "Site Name:" with the text "SALTS HAWAII" and "Activity Code:" with the text "TLT". To the right of these fields are two buttons: "Done" and "Cancel".

## SALTS Phone Number Setup

If your WinSALTS/32 program will use a dial-up modem to connect into the SALTS host, you will need to enter the modem number to SALTS CENTRAL in Philadelphia. The basic modem numbers are:

Commercial:	215-697-9020	(Philadelphia area code + 7-digit number)
Military DSN:	442-9020	(NAVICP DSN prefix + 4-digit extension number)

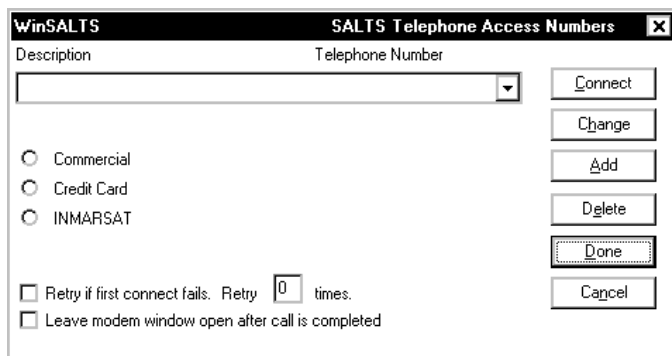
Any dialing prefixes required by your phone system or calling area will also need to be added into the basic modem numbers. For instance, your phone system may require you to dial a **9** to get an outside line. In another example, your military DSN calling area may require you to dial **312** to place a DSN call back to CONUS.

Commas (",") can be inserted anywhere in the dialing string to effect a pause in dialing. The modem will interpret the comma as a one-second pause. If needed, stringing commas together can make longer pauses. Hyphens ("-") can also be inserted anywhere in the dialing string to make the number easier to read by the human eye. The modem ignores the hyphen. Therefore, it has no effect on the modem's dialing.

Select the System menu again.

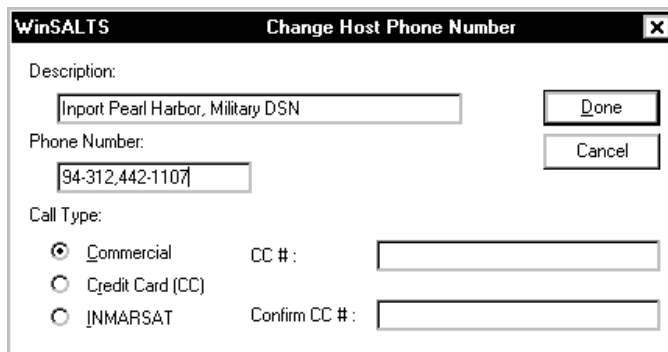
Select SALTS Phone Numbers.

Click the Add button.



The image shows a dialog box titled "WinSALTS SALTS Telephone Access Numbers". It has a table with two columns: "Description" and "Telephone Number". Below the table are three radio buttons: "Commercial", "Credit Card", and "INMARSAT". There are also two checkboxes: "Retry if first connect fails. Retry 0 times." and "Leave modem window open after call is completed". On the right side of the dialog are five buttons: "Connect", "Change", "Add", "Delete", and "Done".

Enter a Description for this modem number (anything you wish).  
 Enter the modem number, including any necessary prefixes and pauses.  
 Select the appropriate Call Type.  
 Click the Done button.  
 Click the Done button again if you are finished adding, changing or deleting modem numbers.



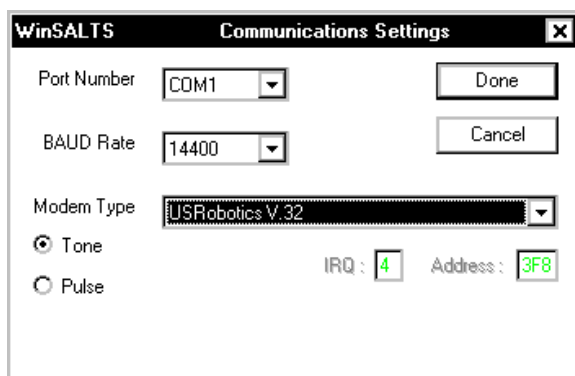
The dialog box is titled "WinSALTS" and "Change Host Phone Number". It contains the following fields and controls:

- Description:** A text box containing "Inport Pearl Harbor, Military DSN".
- Phone Number:** A text box containing "94-312,442-1107".
- Call Type:** Three radio buttons: "Commercial" (selected), "Credit Card (CC)", and "INMARSAT".
- CC #:** A text box next to the "Commercial" radio button.
- Confirm CC #:** A text box next to the "INMARSAT" radio button.
- Buttons:** "Done" and "Cancel" buttons.

### Modem Setup

If your WinSALTS/32 program will use a dial-up modem to connect into the SALTS host, you will need to identify your Modem and COMPORT settings to WinSALTS.

Select the System menu.  
 Select Modem Settings.  
 Set the appropriate Port Number.  
 Set the appropriate BAUD Rate.  
 Set the appropriate Modem Type.  
 Click the Done button when finished.



The dialog box is titled "WinSALTS" and "Communications Settings". It contains the following fields and controls:

- Port Number:** A dropdown menu showing "COM1".
- BAUD Rate:** A dropdown menu showing "14400".
- Modem Type:** A dropdown menu showing "USRRobotics V.32".
- Radio Buttons:** "Tone" (selected) and "Pulse".
- IRQ:** A text box showing "4".
- Address:** A text box showing "3F8".
- Buttons:** "Done" and "Cancel" buttons.

**Note: If the computer assigns a non-standard communication Port Number, Interrupt Request (IRQ) or Address to the computer's modem, select the "Custom" setting under Port Number to properly set these values.**

**Note: If your specific modem brand is not found in the Modem Types listing, use either the HAYES 9600 or HAYES 2400 setting. These are generic settings and should work with most modems.**

## Internet Settings

Customers connecting to the SALTS host via the Internet use this option. Please contact your local network administrator for assistance on the proper setting of this option. When connecting via the Internet, WinSALTS will first try your preferred Port Number and IP Address settings. In the event the connection fails, WinSALTS will try other Port Number and IP Address combinations at random.

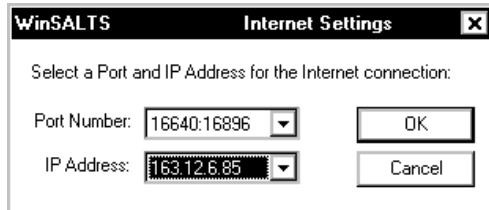
Select the System menu again.

Select Internet Settings.

Select your preferred Port Number setting.

Select your preferred IP Address setting.

Click the OK button to finish.



## Toolbar Setting

The WinSALTS/32 Toolbar can be used to create shortcuts to the options you use most frequently. The default Toolbar can be modified and ordered to fit your needs, or hidden if you don't wish to use the Toolbar at all.

Select the System menu again.

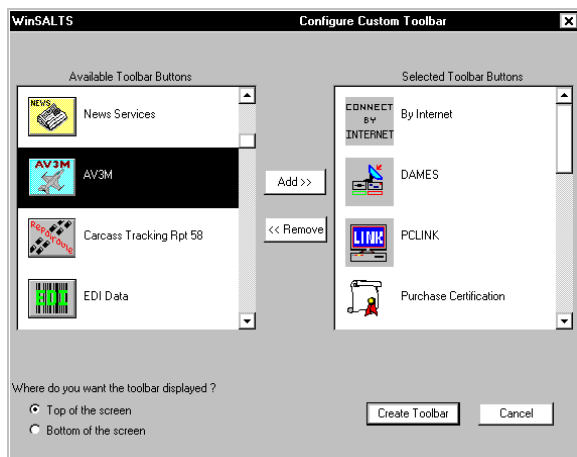
Select Toolbar.

Select Customize.

Highlight buttons on the Available list; then click the Add button to add buttons to your Toolbar.

Highlight buttons on the Selected list; then click the Remove button to remove buttons from your Toolbar.

Click the Create Toolbar to effect the changes.





## **EDIT SALTS-GRAM TEMPLATE**

Modify the default SALTS-Gram template, which acts as a letterhead for your outgoing SALTS messages. Include your mailing address, phone and fax numbers, as you deem appropriate. This will save time later, as your template will contain this information whenever a SALTS-Gram is created.

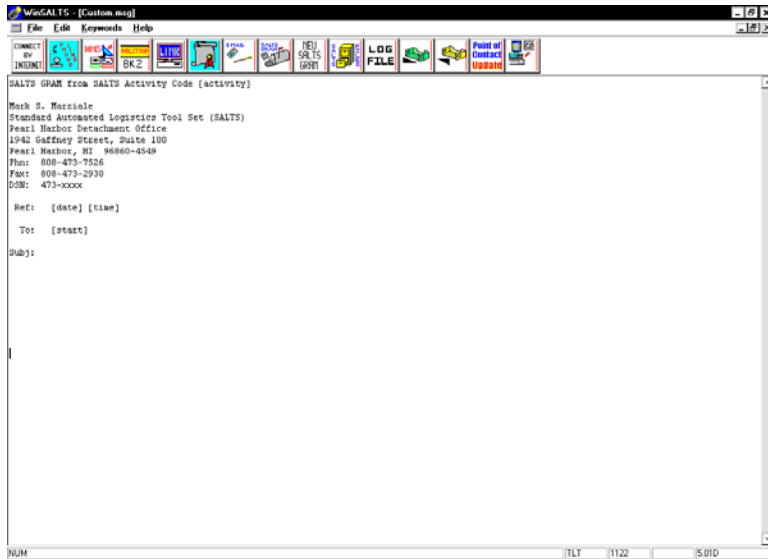
Select the SALTS-Grams menu from the top tool bar (not the Icon).

Select Edit SALTS-Gram Template.

Edit your template similarly to the example below.

Select File/Save to save the template.

Select File/Exit to exit the template option.



## **INITIAL TEST CONNECTION**

Now that WinSALTS/32 has been properly configured, it is time to test its connection to SALTS CENTRAL.

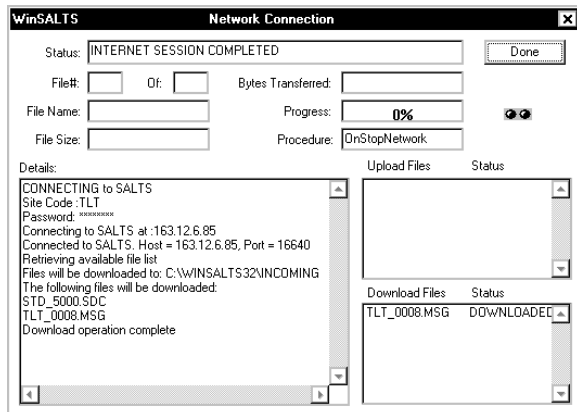
Select Connect from the top menu bar.

Select By Internet for Internet connections, or By Telephone for modem dial-up connections.



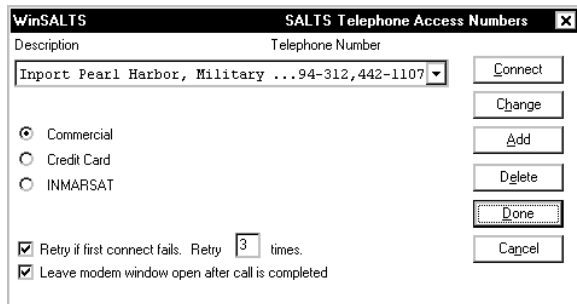
## By Internet

The following is an example of an Internet network connection. Please see Page 2, Item (f) in the *Computer Hardware Requirements* section for notes about network firewall issues.

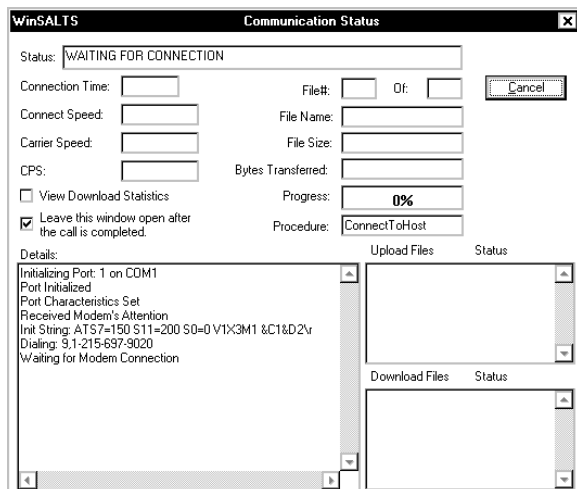


## By Telephone

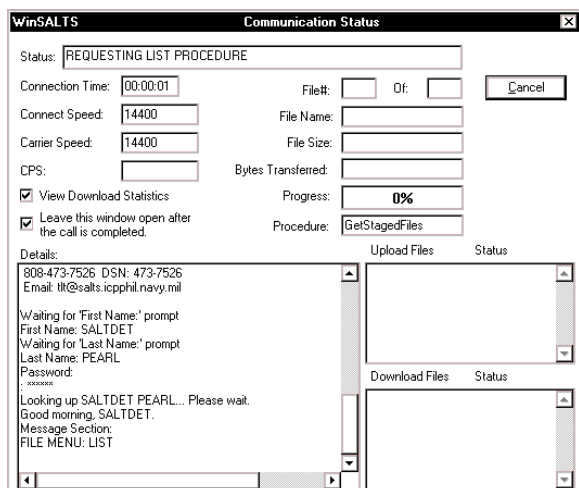
Select the appropriate modem number.  
Click the Connect button.



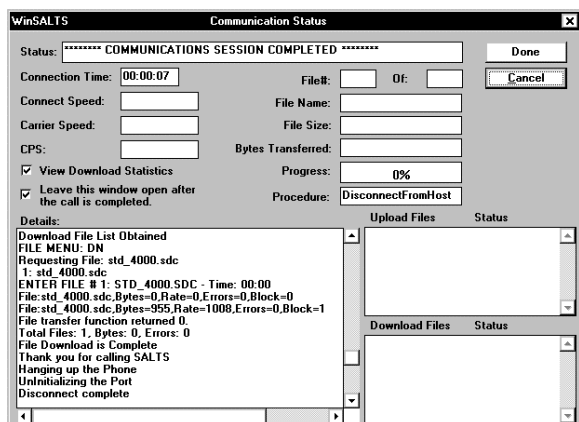
The program will initialize the modem and dialing will begin.



After the modems connect and synchronize, you are automatically logged onto the SALTS host.



Transfer of files, if any, will occur. When complete, the modems will automatically disconnect. Click the Done button.



## **TROUBLESHOOTING CONNECTION PROBLEMS**

### **By Internet Problems**

Problem: Connections to the SALTS IP addresses constantly fail.

Action #1: Check the WinSALTS Internet Settings. Try alternate combinations.

Action #2: Check with the network administrator that the required firewall ports were opened for WinSALTS.

Action #3: Check that the network is up and fully operational.

Problem: Receiving the error "Logon Verification".

Action #1: Check the SALTS Account Information entered under Access Control and Site Information.

Action #2: If problem persists, contact SALTS CENTRAL or a SALTS Detachment Office for assistance.

Problem: Receiving the error "NET Encryption Packet".

Action #1: Vary the WinSALTS Internet Setting. Try alternate combinations.

Action #2: Check with the network administrator to ensure firewall/router is properly configured for WinSALTS.

Problem: Receiving the error “File Packet Contents”.

Action #1: Check the \winsalts32\resume directory and delete any file you find there.

### By Telephone Problems

Problem: Port and/or modem do not initialize.

Action #1: Verify modem has been properly installed, configured and powered on. Check all modem cabling.

Action #2: Verify Port Number, IRQ, and Address settings under Modem Settings.

Problem: Modem dials, but does not connect.

Action #1: Check telephone wiring into modem to ensure phone line is in connector labeled “Line” or “Telco”.

Action #2: Check telephone line to ensure it is in service, i.e. has DSN and/or long distance access.

Action #3: Test the phone line and modem number with a standard analog telephone unit.

Action #4: Change the WinSALTS Modem Type setting to HAYES 2400 or HAYES 9600.

Action #5: Lower the WinSALTS BAUD Rate setting.

Problem: Modem connects, but receiving the error “Invalid Logon”.

Action #1: Check the SALTS Account Information entered under Access Control and Site Information.

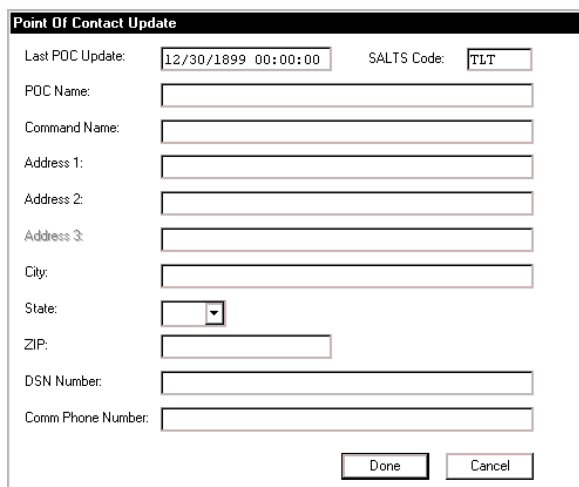
Action #2: If problem persists, contact SALTS CENTRAL or a SALTS Detachment Office for assistance.

### POINT OF CONTACT UPDATE

After the initial setup, and when you exit WinSALTS and later go back into WinSALTS, the Point of Contact Update screen will appear. Simply enter the name, command, mailing address, and phone numbers of the main SALTS Operator. A file with this information will be sent to SALTS Central for updating our database.

Fill-in all fields.

Click the Done button to continue.



The image shows a Windows-style dialog box titled "Point Of Contact Update". It contains several input fields for user information. The "Last POC Update:" field is pre-filled with "12/30/1899 00:00:00". The "SALTS Code:" field contains "TLT". Below these are empty text boxes for "POC Name:", "Command Name:", "Address 1:", "Address 2:", "Address 3:", "City:", "State:" (which is a dropdown menu), "ZIP:", "DSN Number:", and "Comm Phone Number:". At the bottom right of the dialog are two buttons: "Done" and "Cancel".

Last POC Update:	12/30/1899 00:00:00	SALTS Code:	TLT
POC Name:			
Command Name:			
Address 1:			
Address 2:			
Address 3:			
City:			
State:	▼		
ZIP:			
DSN Number:			
Comm Phone Number:			
		Done	Cancel

## **RELOADING FROM BACKUP DISKS**

Sometimes it becomes necessary to reload WinSALTS/32 from program backup disks. This may be the result of hardware/software failures, or, perhaps, the software needs to be relocated onto a different computer. This section explains the process of reloading the software from backup disks.

**Note: WinSALTS/32 will require a backup of the program onto diskette monthly. These backup disks will be needed to restore your program if severe problems are experienced. If you reload from the original installation diskettes or CD, all WinSALTS/32 settings will have to be re-entered. Reloading from backup disks will not require the settings to be re-inserted.**

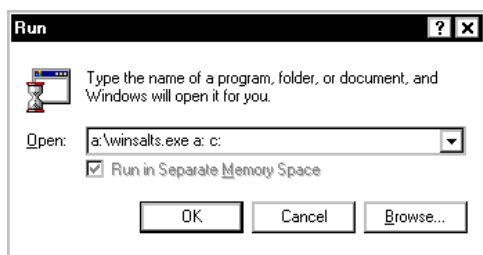
During the WinSALTS/32 backup process, a file called RESTORE.TXT is created and saved onto Disk #1 of the backup. RESTORE.TXT also contains instructions on how to reload the software from backup disks.

Insert Disk #1 into the floppy drive.  
Click the Start button.  
Select Run.

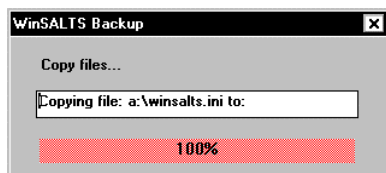
In the Open box, type:

**A:\WINSALTS.EXE A: C:** (or B: if using a B drive, etc.)

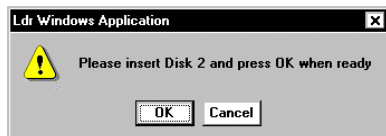
Click the OK button.



The reload process begins.



Insert the proper backup disk when prompted.



**Note: When the backup process disappears from the screen, it is complete. No completion messages will be displayed.**

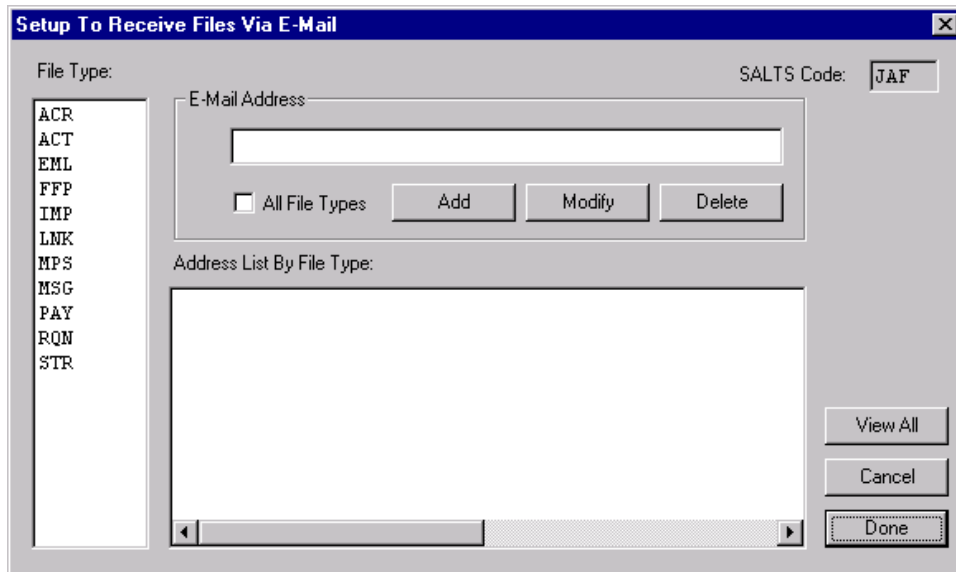
## **RECONFIGURING E-MAIL PULL**

If your WinSALTS/32 program was previously setup to receive files via E-Mail, you **MUST** reconfigure this option.

**Note: This only applies to re-installs from the original installation CD, disks, or WinSALTS Backup disks if the backup was performed prior to setting up this option. If your WinSALTS Backup disks are current, you should not need to reconfigure this option.**

Select System on your menu bar.

Select Setup to Receive Files via E-Mail.



**ALL** file types that were being received via E-Mail must be setup again, with the E-Mail addresses that apply. If this is not done, the next time a change is made, it is possible that all other unchanged file types will be turned off.

Keep in mind a database at SALTS CENTRAL contains a mirror image of your configuration. When **ANY** changes are made to this option, a new mirror image is automatically transmitted to SALTS CENTRAL to update this database. Following a re-installation, it is likely that all file types will not be mapped to any E-Mail addresses. Therefore, if even one change is made to this option after a re-installation, the mirror image uploaded to SALTS CENTRAL will contain BLANK E-Mail addresses for all the other file types; thereby turning off all previous setups.

The WinSALTS program on your PC has a list of E-Mail addresses, and they will display when normal changes are made, and will still be sent when the new mirror image file is prepared. Please be careful if this is a re-installation. Contact the SALTS Help desk or the nearest SALTS Detachment representative if you have any questions.

When you setup to receive files via E-Mail, you should maintain a list of the file types with their mapped E-Mail addresses, just in case your program or machine crashes.

Should you need help setting this option up, please refer to, *“WinSALTS Operator’s Manual, Volume 5, System Configuration.”*

**(End of Document)**